

May 30 - June 5, 2003

<P>The Terra spacecraft is in nominal mode. All instruments are functioning in Science Mode.</P>

<P>During a routine calibration on May 6, 2003, the MODIS Solar Diffuser Screen (SDS) failed to reopen. An anomaly team including personnel from the MODIS Instrument Team, Raytheon Santa Barbara Remote Sensing (instrument developer), and Terra Flight Operations Team was formed and has been investigating the incident. Plans are being devised to reopen the door. If the SDS remains in place, several bands used by the MODIS Land and Atmosphere Science Teams will not be able to be calibrated directly. Instead, an indirect approach using historical data would be used together with data taken with the SDS in place.</P>

<P><B>Plans</B><BR>

Execute the MODIS calibration lunar roll maneuver planned for June 18.</P>

<P>The Terra instrument teams continue to analyze data and perform calibrations utilizing the results of the Deep Space Calibration (DSC) Maneuver conducted on March 26, 2003, and the Lunar DSC maneuver conducted during the evening of April 14, 2003. Current planning indicates no need for an additional DSC prior the October 2003 time frame.</P>